

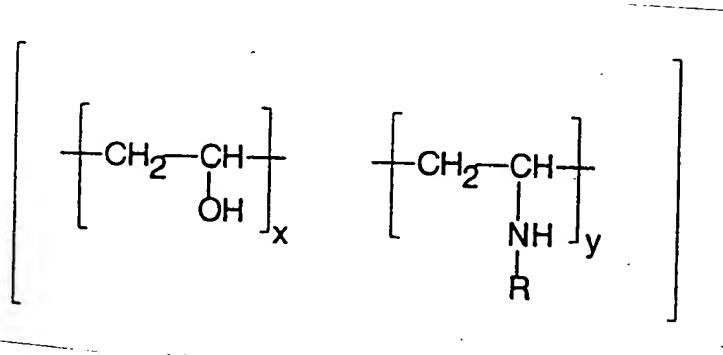


ICH 275 – CLAIMS AS OF AMENDMENT 4/12/01

1. Canceled.
2. Canceled.
3. A recording sheet for ink jet printing according to claim 12 wherein said layer forms a film.
4. A recording sheet for ink jet printing according to claim 12 wherein said layer further contains a crosslinking agent.
5. Canceled.
6. A recording sheet according to claim 12 wherein said binder or binders are selected from the group consisting of polyvinyl alcohol, gelatine, starch, carboxymethyl cellulose, hydroxyethyl cellulose, hydroxypropyl cellulose, hydroxymethyl cellulose, methoxyethyl cellulose, gum arabic, polyvinyl pyrrolidone, polyvinyl-methyl pyrrolidone and casein.
7. A recording sheet according to claim 12 wherein said binder or binders are selected from the group consisting of polymers or copolymers derived from acrylic acid and esters of acrylic acid.
8. A recording sheet according to claim 4 wherein said crosslinking agent is selected from the group consisting of triazine derivatives, epoxides, aldehydes, vinyl sulfones and carbamoyl derivatives.
9. A recording sheet according to claim 4 wherein said crosslinking agent is selected from the group consisting of triazine derivatives and, carbamoyl derivatives.
10. A recording sheet according to claim 4 wherein said crosslinking agent is hydroxy-dichloro-1, 3, 5-triazine or 2-(4-dimethylcarbamoyl-pyridino)-ethane-sulfonic acid.
11. A recording sheet according to claim 12 where R is H or CH₃.

12. A recording sheet for ink jet printing comprising a support coated with at least one layer receptive for aqueous inks; wherein said layer contains:

(a) at least one copolymer of the general structure:



where

$\text{R} = \text{H}$ or alkyl with 1-6 carbon atoms

$$x + y = 1$$

$$y = 0.05 - 0.2$$

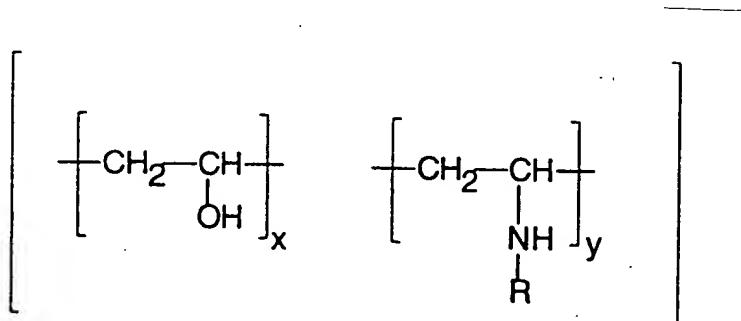
$$x = 0.8 - 0.95; \text{ and}$$

(b) a binder or mixture of binders;

(c) wherein the quantity of said copolymer is between 10 to 75 weight % of the combined amount of said copolymer and binder.

13. A recording sheet for ink jet printing comprising a support coated with at least one layer receptive for aqueous inks; wherein said layer comprises:

(a) at least one copolymer of the general structure:



where

$\text{R} = \text{H}$ or alkyl with 1-6 carbon atoms

$$x + y = 1$$

$y = 0.05 - 0.2$

$x = 0.8 - 0.95$; and

- (b) a binder comprised of gelatin;
- (c) wherein the quantity of said copolymer is between 10 to 75 weight % of the combined amount of said copolymer and binder.